

## EAST Search History

S12 5	1	"4320048".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 10:21
S12 6	1936	(264/211).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 10:21
S12 7	23	S126 and (powder near4 coat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 10:46
S12 8	894	(264/40.7).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 10:46
S12 9	134	S128 and (color\$3 pigment\$3 dy\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 10:46
S13 0	42	S128 and (color\$3 pigment\$3 dy\$3) and (extrud\$3 extrusion) and (powder\$3 particulate particles)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:02
S13 1	93	S128 and (color\$3 pigment\$3 dy\$3) and (extrud\$3 extrusion)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:02
S13 2	51	S131 not S130	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:28
S13 3	244	(264/211.24).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:28
S13 4	10	S133 and (powder\$3 near4 coat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:28
S13 5	5	("4066593"   "4115337"   "4260735"   "4788172"   "5391643").PN. OR ("5688894"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:30
S13 6	54807	(powder\$3 near4 coat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:32
S13 7	1	(powder\$3 near4 coat\$3) and (hyperdisper\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:32
S13 8	394	(powder\$3 near4 coat\$3) and (additional) near7 (grind\$3 dispersion dispers\$3 dispersing mill\$3) same (size particle)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:33

## EAST Search History

S13 9	62	(powder\$3 near4 coat\$3) and (additional) near7 (grind\$3 dispersion dispers\$3 dispersing mill\$3) same (size particle) same (color pigment\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:39
S14 0	21	("4770939" "5030394" "5093403" "5177150" "5229460" "5346727" "5405912" "5405925" "5599873" "5739202" "5932657" "5959022" "6018000" "6037412" "6063855" "6221429" "6340720" "6362271" "6362295" "6506843" "6551708").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:40
S14 1	19	S140 and (color\$3 pigment\$3 dy\$3 tint\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:40
S14 2	19	S140 and (color\$3 pigment\$3 dy\$3 tint\$3) and (grind\$3 mill\$3 particl\$3 size)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:40
S14 3	19	S140 and (color\$3 pigment\$3 dy\$3 tint\$3) and (grind\$3 mill\$3 particl\$3 size micron micrometer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:41
S14 4	13	S140 and (color\$3 pigment\$3 dy\$3 tint\$3) same (grind\$3 mill\$3 particl\$3 size micron micrometer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:48
S14 5	8	S140 not S144	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:48

## EAST Search History

S14 6	197	("2681324"   "2732357"   "2954359"   "3324069"   "3340222"   "3459834"   "3531432"   "3556161"   "3607754"   "3668193"   "3734415"   "3769252"   "3769371"   "3770848"   "3790645"   "3819560"   "3824115"   "3826774"   "3856736"   "3904575"   "3920793"   "3944689"   "3970627"   "3981945"   "4022737"   "4051275"   "4064963"   "4065438"   "4076929"   "4090993"   "4128519"   "4141873"   "4154876"   "4166536"   "4179542"   "4185000"   "4199628"   "4248763"   "4252859"   "4258089"   "4259389"   "4291112"   "4309328"   "4314004"   "4348312"   "4360652"   "4383075"   "4391763"   "4400487"   "4425448"   "4433104"   "4440916"   "4478965"   "4487893"   "4563393"   "4569978"   "4578427"   "4579906"   "4599383"   "4605695"   "4613645"   "4659768"   "4687801"   "4770939"   "4778862"   "4788266"   "4822122"   "4824911"   "4851479"   "4877839"   "4879345"   "4902557"   "4942203"   "4946889"   "4952653"   "4954589"   "4985519"   "5030394"   "5030667"   "5034460"   "5043390"   "5066747"   "5079320"   "5082616"   "5082911"   "5093427"   "5096989"   "5098972"   "5106910"   "5130365"   "5142011"   "5177150"   "5218031"   "5223562"   "5229460"   "5346727"   "5356971"   "5397831"   "5405912"   "5439980"   "5523346"   "5583190"   "5593730"   "5599873"   "5739202"   "5827608"   "5856377"   "6040370"   "6221429"   "6362295").PN. OR ("4770939"   "5030394"   "5093403"   "5177150"   "5229460"   "5346727"   "5405912"   "5405925"   "5599873"   "5739202"   "5932657"   "5959022"   "6018000"   "6037412"   "6063855"   "6221429"   "6340720"   "6362271"   "6362295"   "6506843"   "6551708").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:50
----------	-----	--	------------------------------	----	----	------------------

## EAST Search History

S14 7	4	S146 and (pigment color\$3) near7 (micron micrometer) same (grind\$3 dispers\$3 dispersion mill\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:51
S14 8	7	S146 and (pigment color\$3) near7 (particle near4 size) same (grind\$3 dispers\$3 dispersion mill\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:51
S14 9	4	S148 not S147	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:54
S15 0	641	(pigment) near7 (particle near4 size) same (powder\$3) same (micron micrometer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:55
S15 1	332	(pigment) near7 (particle near4 size) same (powder\$3) same (micron micrometer) same (grind\$3 mill\$3 dispers\$3 dispersion)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:55
S15 2	217	(pigment) near7 (particle near4 size) near7 (micron micrometer) same (powder\$3) same (grind\$3 mill\$3 dispers\$3 dispersion)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:56
S15 3	71	(pigment) near7 (particle near4 size) near7 (micron micrometer) same (powder\$3) same (grind\$3 mill\$3 dispers\$3 dispersion)	USPAT	OR	ON	2007/07/24 11:57
S15 4	18	(pigment) near7 (particle near4 size) near7 (micron micrometer) same (powder\$3) same (grind\$3 mill\$3 dispers\$3 dispersion) and (powder\$3 near4 coat\$3)	USPAT	OR	ON	2007/07/24 12:24
S15 5	20	("2347964"   "3755244"   "3756979"   "3925096"   "4176143").PN. OR ("5854311").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 12:14

## EAST Search History

S15 6	81	("1040455"   "2649382"   "3353974"   "3593927"   "3770476"   "4148763"   "4221342"   "4226634"   "4313737"   "4377392"   "4426459"   "4466923"   "4665107"   "4703060"   "5034132"   "5108109"   "5120558"   "5145684"   "5290578"   "5300394"   "5303661"   "5304576"   "5316591"   "5339844"   "5399597"   "5403089"   "5418256"   "5435325"   "5456759"   "5467492"   "5478705"   "5500331"   "5509959"   "5604277"   "5639441"   "5639934"   "5662279"   "5716558"   "5719204"   "5719215"   "5766522"   "5778282"   "5789505"   "5810267"   "5854311"   "5861473"   "5874029"   "5891231"   "5902711"   "5921478"   "5934579"   "5958129"   "5969002"   "5975874"   "5981474"   "5981696"   "6051694"   "6267807"   "6328393"   "6604698").PN. OR ("3925096"   "6426136"   "6663954"   "6680110"   "6896212"   "7152819").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 12:44
S15 7	52	(pigment\$3) and S156	USPAT	OR	ON	2007/07/24 12:24
S15 8	1	"20030125417"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 12:46
S15 9	1	"5236645".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 12:49
S16 0	6	("3941315" "6187859" "6451102" "5461089" "5319001" "6258503"). pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 12:49
S16 1	1	(US-6451102-\$).did.	USPAT	OR	ON	2007/07/24 12:50
S16 2	1	S161 and (agent cur\$3 crosslink\$3 catalyst)	USPAT	OR	ON	2007/07/24 12:52
S16 3	1	(US-6258503-\$).did.	USPAT	OR	ON	2007/07/24 12:52
S16 4	1	S163 and (agent cur\$3 crosslink\$3 catalyst)	USPAT	OR	ON	2007/07/24 12:54
S16 5	32862	(powder\$3 near4 coat\$3)	USPAT	OR	ON	2007/07/24 12:54
S16 6	8415	(powder\$3 near4 coat\$3) and (extrusion extrud\$3)	USPAT	OR	ON	2007/07/24 12:55

## EAST Search History

S167	36	(powder\$3 near4 coat\$3) and (extrusion extrud\$3) and ((downstream near4 feeder) (side near4 stuffer) (side near4 feeder))	USPAT	OR	ON	2007/07/24 12:55
S168	1	(US-7232853-\$).did.	USPAT	OR	ON	2007/07/24 12:57
S169	1	S168 and (thermoset thermosetting crosslink\$3 cur\$3 agent)	USPAT	OR	ON	2007/07/24 13:00
S170	1	S168 and (thermoset thermosetting crosslink\$3 cur\$3 agent) and (cur\$3 crosslink\$3 agent thermoset\$3 thermosetting)	USPAT	OR	ON	2007/07/24 13:00
S171	30	S167 and (thermoset thermosetting crosslink\$3 cur\$3 agent)	USPAT	OR	ON	2007/07/24 13:00
S172	26	S167 and (thermoset thermosetting crosslink\$3 cur\$3 cross-link\$3 crosslinkable)	USPAT	OR	ON	2007/07/24 14:20
S173	1	"7232853".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 14:30
S174	2	"7232853".pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/24 14:50
S175	2	"20020074681"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/24 14:50
S176	1	S175 and (crosslink\$3 cur\$3 catalyst)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/24 14:50
S177	1	S175 and (crosslink\$3 cur\$3 catalyst thermoset thermosetting)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/07/24 14:51
S178	1	(US-6258503-\$).did.	USPAT	OR	ON	2007/07/24 15:02
S179	1	S178 and (crosslink\$3 catalyst\$3 cur\$3 thermoset\$3 thermosetting)	USPAT	OR	ON	2007/07/24 15:03
S180	1	S178 and (resin)	USPAT	OR	ON	2007/07/24 15:04
S181	0	S178 and (cross-link\$3)	USPAT	OR	ON	2007/07/24 15:04
S182	0	S178 and (crosslinkable)	USPAT	OR	ON	2007/07/24 15:04

## EAST Search History

S18 3	0	S178 and (cur\$3)	USPAT	OR	ON	2007/07/24 15:04
S18 4	1	S178 and (catalys\$3)	USPAT	OR	ON	2007/07/24 15:36
S18 5	2	("5087645" "5461089").pn.	USPAT	OR	ON	2007/07/24 15:48
S18 6	2	"10809764"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 21:39
S18 7	3	"10/809764"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 21:39

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2604	(powder\$3 near4 coat\$3) same (pigment\$3 colorant dy\$3 tint\$3 color\$3) and (extrusion extrud\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 06:52
L2	860	(powder\$3 near4 coat\$3) same (pigment\$3 colorant dy\$3 tint\$3 color\$3) same (liquid dry dried) and (extrusion extrud\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 06:52
L3	447	(powder\$3 near4 coat\$3) same (pigment\$3 colorant dy\$3 tint\$3 color\$3) same (liquid dry dried) and (extrusion extrud\$3)	USPAT	OR	ON	2007/07/25 06:52
L4	26	(powder\$3 near4 coat\$3) same (pigment\$3 colorant dy\$3 tint\$3 color\$3) same (liquid dry dried) and (extrusion extrud\$3) and ("264"/). clas.	USPAT	OR	ON	2007/07/25 06:53
L5	20	(powder\$3 near4 coat\$3) same (pigment\$3 colorant dy\$3 tint\$3 color\$3) same (liquid dry dried) and (extrusion extrud\$3) same (pigment\$3 colorant dy\$3 tint\$3 color\$3) and ("264"/).clas.	USPAT	OR	ON	2007/07/25 06:57
L6	2	(powder\$3 near4 coat\$3) same (pigment\$3 colorant dy\$3 tint\$3 color\$3) same (liquid wet) and (extrusion extrud\$3) same (inject\$3) and ("264"/).clas.	USPAT	OR	ON	2007/07/25 07:00
L7	11	(powder\$3 near4 coat\$3) same (pigment\$3 colorant dy\$3 tint\$3 color\$3) near7 (liquid wet) near (dispersion)	USPAT	OR	ON	2007/07/25 07:01
L8	15	(powder\$3 near4 coat\$3) same (pigment\$3 colorant dy\$3 tint\$3 color\$3) near7 (liquid wet) near7 (dispersion)	USPAT	OR	ON	2007/07/25 07:04
L9	1	(powder\$3 near4 coat\$3) same (pigment\$3 colorant dy\$3 tint\$3 color\$3) near7 (liquid wet) near7 (inject\$3)	USPAT	OR	ON	2007/07/25 07:05
L10	12	(powder\$3 near4 coat\$3) and (pigment\$3 colorant dy\$3 tint\$3 color\$3) near7 (liquid wet) near7 (inject\$3)	USPAT	OR	ON	2007/07/25 07:07
L11	13	(powder\$3 near4 (paint coat\$3)) and (pigment\$3 colorant dy\$3 tint\$3 color\$3) near7 (liquid wet) near7 (inject\$3)	USPAT	OR	ON	2007/07/25 07:07



## EAST Search History

L12	1	l11 not l10	USPAT	OR	ON	2007/07/25 07:07
L13	15	(powder\$3 near4 (paint coat\$3)) and (solvent liquid aqueous water) near7 (pigment\$3 colorant dy\$3 tint\$3 color\$3) near7 (inject\$3)	USPAT	OR	ON	2007/07/25 07:09
L14	12	l13 not "110"	USPAT	OR	ON	2007/07/25 07:08
L15	399	(powder\$3 near4 (paint coat\$3)) and (solvent liquid aqueous water) near7 (pigment\$3 colorant dy\$3 tint\$3 color\$3) same (extruder melt extrusion extrud\$3)	USPAT	OR	ON	2007/07/25 07:10
L16	3	(powder\$3 near4 (paint coat\$3)) and (solvent liquid aqueous water) near7 (pigment\$3 colorant dy\$3 tint\$3 color\$3) near7 (inject\$3 nozzle) same (extruder melt extrusion extrud\$3)	USPAT	OR	ON	2007/07/25 07:11
L17	192	(powder\$3 near4 (paint coat\$3)) and (solvent liquid aqueous water) near7 (pigment\$3 colorant dy\$3 tint\$3 color\$3) with (extruder melt extrusion extrud\$3)	USPAT	OR	ON	2007/07/25 07:14
L18	45	(powder\$3 near4 (paint coat\$3)) and (solvent liquid aqueous water) near7 (pigment\$3 colorant dy\$3 tint\$3 color\$3) with (extruder extrusion extrud\$3)	USPAT	OR	ON	2007/07/25 07:14
L19	1	(US-3953218-\$.did.	USPAT	OR	ON	2007/07/25 07:34
L20	1	l19 and (size mesh sieve particle diameter micron micrometer)	USPAT	OR	ON	2007/07/25 07:34
L21	44	("2155861"   "2442972"   "2971922"   "3252820"   "3266924"   "3354111"   "3723153"   "3728143").PN. OR ("3953218"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 08:30
L22	1	"3953218".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 08:31
L23	1	l22 and (extrud\$3 extrusion)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 08:31
S3	1	(10/809764)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 06:50
S4	3	("6479003" "6703005" "6822022").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 08:10